

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/014023

A. CLASSIFICATION OF SUBJECT MATTER
B30B15/06 (2006.01), **B30B1/18** (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B30B15/06 (2006.01), **B30B1/18** (2006.01)Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-144098 A (Institute of Technology Precision Electrical Discharge Work's), 21 May, 2002 (21.05.02), Full text; all drawings & US 6679164 B2 & EP 1332866 A1 & WO 2002/038366 A1 & CN 1394166 A & CA 2396092 A & TW 0544398 B	1-2
A	JP 2000-210395 J. (Institute of Technology Precision Electrical Discharge Work's), 08 August, 2000 (08.08.00), Par. Nos. [0021] to [0028]; Fig. 1 (Family: none)	1-2

 Further documents are listed in the continuation of Box C. See patent family annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "P" document published prior to the international filing date but later than the priority date claimed
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
12 October, 2005 (12.10.05)Date of mailing of the international search report
25 October, 2005 (25.10.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 61-143799 U (Komatsu Ltd.), 05 September, 1986 (05.09.86), Full text; all drawings (Family: none)	1-2
A	JP 03-101399 U (Amada Co., Ltd.), 22 October, 1991 (22.10.91), Description, page 6, line 3 to page 8, line 8; Fig. 1 (Family: none)	1-2